

Table 12. Federal R&D budget authority for general science and basic research (251): fiscal years 2001–03

Funding category and agency	2001 actual	2002 preliminary	2003 proposed	Percent change 2002–03
[In millions of dollars]				
Total.....	5,468	5,717	5,890	3.0
National Science Foundation.....	3,032	3,250	3,404	4.7
Mathematical and physical sciences.....	854	920	942	2.3
Geosciences.....	564	609	691	13.4
Biological sciences.....	486	508	526	3.4
Engineering	433	472	488	3.3
Computer and information science and engineering.....	478	515	527	2.3
U.S. polar research programs.....	282	298	304	2.0
Social, behavioral, and economic sciences.....	177	169	196	15.9
Education and human resources.....	785	875	908	3.8
Integrative activities.....	98	107	111	3.8
Budget authority adjustment ¹	-1,125	-1,224	-1,288	NA
Department of Energy.....	2,435	2,467	2,486	0.8
High energy physics.....	559	588	590	0.4
Nuclear physics.....	308	317	340	7.3
Fusion energy sciences.....	231	241	241	-0.2
Basic energy sciences.....	629	634	670	5.7
Advanced scientific computing research.....	156	151	162	7.3
Energy research analyses	0	0	0	NA
Small business innovation research ²	93	0	0	NA
Biological and environmental research ³	459	536	482	-9.9
Human genome.....	85	88	90	2.6
All other research.....	373	448	392	-12.4

¹ Budget authority adjustment subtracts costs for research facilities, major equipment support, and other non-R&D costs.

² Department of Energy treats this activity as a budget execution program (i.e., funds are collected from existing appropriations and are not allocated until three quarters through the fiscal year).

³ Some Environmental Management programs (050) shift to general science in FY 2003 (see table 7). FY 2001 and FY 2002 figures adjusted for comparability.

NOTES: Because of rounding, components may not add to totals. Percent change is derived from unrounded data. Not all federally sponsored basic research is categorized in this subfunction 251.

KEY: NA = Not applicable

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; budget justification documents; and supplemental data obtained from agencies' budget offices.